

SWP Weekly Water Quality Summary

February 22 to March 1, 2011

Electrical Conductivity: EC increased at Harvey O. Banks Pumping Plant (HBP) and Vallecitos, but decreased at Check 29, Devil Canyon 2nd Afterbay and Barker Slough. Concentrations ranged from 249 $\mu\text{S}/\text{cm}$ to 313 $\mu\text{S}/\text{cm}$ (149 to 188 mg/L), below the Article 19 Monthly Average Objective of 440 mg/L (733 $\mu\text{S}/\text{cm}$). At the end of the week, the highest concentration of 308 $\mu\text{S}/\text{cm}$ (185 mg/L) occurred at Vallecitos, followed by 306 (184 mg/L) at Check 41, while the lowest concentration of 249 $\mu\text{S}/\text{cm}$ (149 mg/L) occurred at Barker Slough. EC concentrations at HBP increased slightly from 285 $\mu\text{S}/\text{cm}$ to 304 $\mu\text{S}/\text{cm}$ (171 to 182 mg/L).

Turbidity: Turbidity levels decreased at HBP and Barker Slough, but increased at Devil Canyon 2nd Afterbay and Vallecitos. Turbidity levels ranged from 0.7 to 88.8 NTU. At the end of the week, the lowest level of 1.9 NTU occurred at Devil Canyon 2nd Afterbay, while the highest level of 85.7 NTU occurred at Barker Slough. Turbidity levels at HBP decreased slightly from 17.7 to 15.2 NTU.

Taste and Odor Compounds: MIB and geosmin concentrations in the SWP at Clifton Court Inlet, HBP, Del Valle Check 7 and O'Neill Forebay Outlet ranged from ND to 3 mg/L.

Groundwater Pump-ins: Groundwater pump-ins to the California Aqueduct from February 19 to 28, 2011 totaled 1,483AF from Arvin-Edison Water Storage District.

Flood Water Inflow:

Floodwater inflow into the Aqueduct from Cantua Creek, from February 22 to March 1, 2011 totaled 78 cfs.

The intent of the weekly water quality (WQ) summary is to acquaint contractors, scientists, and interested parties with the status of water quality in the State Water Project (SWP). Your comments, questions and suggestions are welcome and should be directed to Cindy Garcia at 916-653-7213, or Austine Eke at 916-653-7227. To view WQ data from the automated stations along the SWP, visit:

http://www.water.ca.gov/swp/waterquality/AutostationData/Autostation_map.cfm, and click on a station name on the map to link to the station's data on the California Data Exchange Center (CDEC) website.

To view the Edmonston pumping plant daily pumping data, visit: www.water.ca.gov. Click on the "State Water Project" tab, and click on the "Operations Control" link. Look under the "Project-Wide Operations" header for the "Dispatcher's Daily Water Report."